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COMMITTEE OF EXPERTS ON THE TRANSPORT
OF DANGEROUS GOODS

REPORT OF THE COMMITTEE OF EXPERTS ON ITS EIGHTEENTH SESSION
(28 November - 7 December)

Addendum 1

Annex 1: Amendments to the Preface, Contents and Chapters 1, 2 and 3 of the Recommendations.

GE.95-20771

PREFACE

Paragraph

11 Amend second sentence to read:

"Those with a prefix of "EP" are specifically for explosives and are to be found in Chapter 4."

12 In the third sentence exchange the words "...Chapters 10..." by "...Chapters 4...".

14 Amend to read:

"Recommendations on Tests and Criteria are published as a separate manual '(Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria)' (ST/SG/AC.10/11/Rev.2), the contents of which are:

General introduction

Part I: Classification procedures, test methods and criteria relating to explosives of Class 1

Part II: Classification procedures, test methods and criteria relating to self-reactive substances of Division 4.1 and organic peroxides of Division 5.2

Part III: Classification procedures, test methods and criteria relating to substances or articles of Class 3, Class 4, Division 5.1 and Class 9

Appendices: Information common to a number of different types of tests and national contacts for test details.

Note: Part III contains some classification procedures, test methods and criteria which are also given in the Recommendations."

CONTENTS (page numbers to be added in the final text)

Chapter 4

Between the entries "Carriage of explosives..." and "Glossary of terms..." insert two new entries as follows:

"Packing requirements for explosives
Table 4.3: Packing methods for explosives"

In the last entry amend "**Table 4.3:**..." to read "**Table 4.4**:..." and the reference to paragraph "4.8" to read: "4.9".

Chapter 6

Replace the entry concerning Division 6.1 by the following text:

"**Division 6.1 - Toxic substances**
General
Definitions
Grouping criteria
Inhalation toxicity
Figure 6.1: Inhalation toxicity: Packing Group borderlines
Methods for determining inhalation toxicity of mixtures
Methods for determining oral and dermal toxicity of mixtures
Segregation and decontamination"
Table 6.1: List of common pesticides with corresponding UN numbers"

Chapter 10

Replace entry by:

"10. Reserved"

CHAPTER 1: SCOPE OF THE RECOMMENDATIONS

Paragraph

1.9.2 Renumber existing paragraph 1.9.2 as 1.9.3

Insert a new 1.9.2 to read:

"1.9.2 The Recommendations on the Transport of Dangerous Goods, the Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.2) present the United Nations schemes for the classification of certain types of dangerous goods and gives descriptions of the test methods and procedures, considered to be the most useful, for providing competent authorities with the necessary information to arrive at a proper classification of substances and articles for transport. It should be noted that the Manual is not a concise formulation of testing procedures that will unerringly lead to a proper classification of products and it assumes, therefore, competence on the part of the testing authority and leaves responsibility for classification with them. The competent authority has discretion to dispense with certain tests, to vary the details of tests and to require additional tests, when this is justified, to obtain a reliable and realistic assessment of the hazard of a product."

1.9.3 Renumber existing paragraph 1.9.3 as 1.9.4

1.10 Footnote **/ should read as follows: "United Nations publication: ECE/TRANS/110".

1.12 The two notes should be in italics.

1.17.1

- In paragraph (b) under Division 2.3, replace the reference to 6.5 (c) with a reference to "6.2.3".

The two notes should be in italics.

1.20 In the last sentence replace the words "together with a method of testing for combustibility" by "together with methods for determining whether a liquid is considered able to sustain combustion".

1.23 Note 1 should be in italics.

Amend Note 2 to read:

"*Toxins from plant, animal or bacterial sources which do not contain any infectious substances, or toxins that are contained in substances which are not infectious substances, should be considered for classification in Division 6.1 and assignment to UN 3172.*"

1.25 Delete the comma after the words "United Nations".

1.37 Delete "10". Insert "13".

1.46 Replace "(see 13.10)" by "(see 13.11)".

Figure 1.1, Section 5

5.1 Amend reference "6.3 - 6.5" to "6.2.1".

5.2 Amend reference "6.3 - 6.5" to "6.2.2".

5.3 Amend reference "6.3 - 6.5" to "6.2.3".

5.4 Amend reference "6.4.3" to "6.3.3".

CHAPTER 2: LIST OF DANGEROUS GOODS MOST COMMONLY CARRIED

1. Add two new paragraphs in the text preceding the list:

"(4) the proper shipping name may be shown in the plural where isomers of similar classification exist, for the purposes of documentation and package marking;

(5) hydrates of inorganic substances may be included under the equivalent proper shipping name for the anhydrous substance, as appropriate;"

2. Delete existing paragraph (4)

3. Amend Class 1 entries as follows:

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0004	AMMONIUM PICRATE dry or wetted with less than 10% water, by mass	1.1D		253		EP 12
0005	CARTRIDGES FOR WEAPONS with bursting charge	1.1F				EP 30
0006	CARTRIDGES FOR WEAPONS with bursting charge	1.1E				EP 30
0007	CARTRIDGES FOR WEAPONS with bursting charge	1.2F				EP 30
0009	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.2G				EP 30
0010	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.3G				EP 30
0012	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1.4S				EP 30
0014	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1.4S				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0015	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.2G	8	204		EP 30
0016	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.3G	8	204		EP 30
0018	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.2G	6.1 8			EP 30
0019	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.3G	6.1 8			EP 30
0020	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1.2K	6.1	274		EP 01
0021	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1.3K	6.1	274		EP 01
0027	BLACK POWDER (GUNPOWDER), granular or as a meal	1.1D				EP 13
0028	BLACK POWDER (GUNPOWDER), COMPRESSED or BLACK POWDER (GUNPOWDER), IN PELLETS	1.1D				EP 13
0029	DETONATORS, NON-ELECTRIC for blasting	1.1B				EP 31
0030	DETONATORS, ELECTRIC for blasting	1.1B				EP 31
0033	BOMBS with bursting charge	1.1F				EP 30
0034	BOMBS with bursting charge	1.1D				EP 30
0035	BOMBS with bursting charge	1.2D				EP 30
0037	BOMBS, PHOTO-FLASH	1.1F				EP 30
0038	BOMBS, PHOTO-FLASH	1.1D				EP 30
0039	BOMBS, PHOTO-FLASH	1.2G				EP 30
0042	BOOSTERS, without detonator	1.1D				EP 32
0043	BURSTERS, explosive	1.1D				EP 33
0044	PRIMERS, CAP TYPE	1.4S				EP 33
0048	CHARGES, DEMOLITION	1.1D				EP 30
0049	CARTRIDGES, FLASH	1.1G				EP 35
0050	CARTRIDGES, FLASH	1.3G				EP 35
0054	CARTRIDGES, SIGNAL	1.3G				EP 35
0055	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4S				EP 36
0056	CHARGES, DEPTH	1.1D				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0059	CHARGES, SHAPED, COMMERCIAL without detonator	1.1D		257		EP 37
0060	CHARGES, SUPPLEMENTARY, EXPLOSIVE	1.1D				EP 32
0065	CORD, DETONATING, flexible	1.1D		258		EP 39
0066	CORD, IGNITER	1.4G				EP 40
0070	CUTTERS, CABLE, EXPLOSIVE	1.4S				EP 34
0072	CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX) WETTED with not less than 15% water, by mass	1.1D		266		EP 12(a)
0073	DETONATORS FOR AMMUNITION	1.1B				EP 33
0074	DIAZODINITROPHENOL, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	1.1A		265 for EP 10(b) 266		EP 10(a) or 10(b)
0075	DIETHYLENEGLYCOL DINITRATE, DESENSITIZED with not less than 25% non-volatile, water - insoluble phlegmatizer, by mass	1.1D		254 255 266		EP 15
0076	DINITROPHENOL, dry or wetted with less than 15% water, by mass	1.1D	6.1	253		EP 12
0077	DINITROPHENOLATES, alkali metals, dry or wetted with less than 15% water, by mass	1.3C	6.1	253		EP 14
0078	DINITRORESORCINOL, dry or wetted with less than 15% water, by mass	1.1D		253		EP 12
0079	HEXANITRODIPHENYLAMINE (DIPICRYLAMINE; HEXYL)	1.1D				EP 12(b) or 12(c)
0081	EXPLOSIVE, BLASTING, TYPE A	1.1D				EP 16
0082	EXPLOSIVE, BLASTING, TYPE B	1.1D		260 for EP 17		EP 16 or EP 17
0083	EXPLOSIVE, BLASTING, TYPE C	1.1D		267		EP 16
0084	EXPLOSIVE, BLASTING, TYPE D	1.1D				EP 16
0092	FLARES, SURFACE	1.3G				EP 35
0093	FLARES, AERIAL	1.3G				EP 35
0094	FLASH POWDER	1.1G		263		EP 13
0099	FRACTURING DEVICES, EXPLOSIVE without detonator, for oil wells	1.1D				EP 34
0101	FUSE, NON-DETONATING	1.3G				EP 40
0102	CORD (FUSE), DETONATING, metal clad	1.2D		258		EP 39

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0103	FUSE, IGNITER, tubular, metal clad	1.4G				EP 40
0104	CORD (FUSE), DETONATING, MILD EFFECT, metal clad	1.4D		258		EP 39
0105	FUZE, SAFETY	1.4S				EP 40
0106	FUZES, DETONATING	1.1B				EP 41
0107	FUZES, DETONATING	1.2B				EP 41
0110	GRENADES, PRACTICE, hand or rifle	1.4S				EP 41
0113	GUANYL NITROSAMINOGUANYLIDENE HYDRAZINE, WETTED with not less than 30% water, by mass	1.1A		265 for EP 10(b) 266		EP 10(a) or 10(b)
0114	GUANYL NITROSAMINOGUANYLTETRAZENE (TETRAZENE), WETTED with not less than 30% water, or mixture of alcohol and water, by mass	1.1A		265 for EP 10(b) 266		EP 10(a) or 10(b)
0118	HEXOLITE (HEXOTOL) dry or wetted with less than 15% water, by mass	1.1D				EP 12
0121	IGNITERS	1.1G				EP 42
0124	JET PERFORATING GUNS, CHARGED, oil well, without detonator	1.1D				EP 01
0129	LEAD AZIDE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1A		265 for EP 10(b) 266		EP 10(a) or 10(b)
0130	LEAD STYPHNATE (LEAD TRINITRO-RESORCINATE), WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1A		265 for EP 10(b) 266		EP 10(a) or 10(b)
0131	LIGHTERS, FUSE	1.4S				EP 42
0132	DEFLAGRATING METAL SALTS OF AROMATIC NITRODERIVATIVES, N.O.S.	1.3C		109 253		EP 14(b)
0133	MANNITOL HEXANITRATE (NITROMANNITE), WETTED with not less than 40% water, or mixture of alcohol and water, by mass	1.1D		266		EP 12(a)
0135	MERCURY FULMINATE, WETTED with not less than 20% water or mixture of alcohol and water, by mass	1.1A		265 for EP 10(b) 266		EP 10(a) or 10(b)
0136	MINES with bursting charge	1.1F				EP 30
0137	MINES with bursting charge	1.1D				EP 30
0138	MINES with bursting charge	1.2D				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0143	NITROGLYCERIN, DESENSITIZED with not less than 40% nonvolatile water-insoluble phlegmatizer, by mass	1.1D	6.1	254 255 266 271		EP 15
0144	NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 10% nitroglycerin	1.1D		264		EP 15
0146	NITROSTARCH, dry or wetted with less than 20% water, by mass	1.1D				EP 12
0147	NITRO UREA	1.1D				EP 12(b)
0150	PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN) WETTED with not less than 25% water, by mass, or PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN), DESENSITIZED with not less than 15% phlegmatizer, by mass	1.1D		266		EP 12(a) or 12(b)
0151	PENTOLITE, dry or wetted with less than 15% water, by mass	1.1D				EP 12
0153	TRINITROANILINE (PICRAMIDE)	1.1D				EP 12(b) or 12(c)
0154	TRINITROPHENOL (PICRIC ACID), dry or wetted with less than 30% water, by mass	1.1D		15 253		EP 12
0155	TRINITROCHLOROBENZENE (PICRYL CHLORIDE)	1.1D		15		EP 12(b) or 12(c)
0159	POWDER CAKE (POWDER PASTE), WETTED with not less than 25% water, by mass	1.3C		266		EP 11
0160	POWDER, SMOKELESS	1.1C		256		EP 14(b)
0161	POWDER, SMOKELESS	1.3C		256		EP 14(b)
0167	PROJECTILES with bursting charge	1.1F				EP 30
0168	PROJECTILES with bursting charge	1.1D				EP 30
0169	PROJECTILES with bursting charge	1.2D				EP 30
0171	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.2G				EP 30
0173	RELEASE DEVICES, EXPLOSIVE	1.4S				EP 34
0174	RIVETS, EXPLOSIVE	1.4S				EP 34
0180	ROCKETS with bursting charge	1.1F				EP 30
0181	ROCKETS with bursting charge	1.1E				EP 30
0182	ROCKETS with bursting charge	1.2E				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0183	ROCKETS with inert head	1.3C				EP 30
0186	ROCKET MOTORS	1.3C				EP 30
0190	SAMPLES, EXPLOSIVES, other than initiating explosive			16 274		EP 01
0191	SIGNAL DEVICES, HAND	1.4G				EP 35
0192	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.1G				EP 35
0193	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.4S				EP 35
0194	SIGNALS, DISTRESS, ship	1.1G				EP 35
0195	SIGNALS, DISTRESS, ship	1.3G				EP 35
0196	SIGNALS, SMOKE	1.1G				EP 35
0197	SIGNALS, SMOKE	1.4G				EP 35
0204	SOUNDING DEVICES, EXPLOSIVE	1.2F				EP 34
0207	TETRANITROANILINE	1.1D				EP 12(b) or 12(c)
0208	TRINITROPHENYLMETHYLNITRAMINE (TETRYL)	1.1D				EP 12(b) or 12(c)
0209	TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass	1.1D		15 262		EP 12
0212	TRACERS FOR AMMUNITION	1.3G				EP 33
0213	TRINITROANISOLE	1.1D				EP 12(b) or 12(c)
0214	TRINITROBENZENE, dry or wetted with less than 30% water, by mass	1.1D		15		EP 12
0215	TRINITROBENZOIC ACID, dry or wetted with less than 30% water, by mass	1.1D		15		EP 12
0216	TRINITRO-m-CRESOL	1.1D		253		EP 12(b) or 12(c)
0217	TRINITRONAPHTHALENE	1.1D				EP 12(b) or 12(c)
0218	TRINITROPHENETOLE	1.1D				EP 12(b) or 12(c)
0219	TRINITRORESORCINOL (STYPHNIC ACID), dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	1.1D		253		EP 12
0220	UREA NITRATE, dry or wetted with less than 20% water, by mass	1.1D		18		EP 12

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0221	WARHEADS, TORPEDO with bursting charge	1.1D				EP 30
0222	AMMONIUM NITRATE with more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1.1D				EP 12(b) or 12(c)
0223	AMMONIUM NITRATE FERTILIZER, which is more liable to explode than ammonium nitrate with 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1.1D				EP 12(b) or 12(c)
0224	BARIUM AZIDE, dry or wetted with less than 50% water, by mass	1.1A	6.1	265 for EP 10(b)		EP 10(a) or 10(b)
0225	BOOSTERS WITH DETONATOR	1.1B				EP 33
0226	CYCLOTETRAMETHYLENETETRA-NITRAMINE (HMX, OCTOGEN), WETTED with not less than 15% water, by mass	1.1D		266		EP 12(a)
0234	SODIUM DINITRO-o-CRESOLATE, dry or wetted with less than 15% water, by mass	1.3C		15 253		EP 14
0235	SODIUM PICRAMATE, dry or wetted with less than 20% water, by mass	1.3C		253		EP 14
0236	ZIRCONIUM PICRAMATE, dry or wetted with less than 20% water, by mass	1.3C		253		EP 14
0237	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.4D				EP 38
0238	ROCKETS, LINE-THROWING	1.2G				EP 30
0240	ROCKETS, LINE-THROWING	1.3G				EP 30
0241	EXPLOSIVE, BLASTING, TYPE E	1.1D		261 for EP 17		EP 16 or EP 17
0242	CHARGES, PROPELLING, FOR CANNON	1.3C				EP 30
0243	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.2H				EP 30
0244	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.3H				EP 30
0245	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.2H				EP 30
0246	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.3H				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0247	AMMUNITION, INCENDIARY liquid or gel, with burster, expelling charge or propelling charge	1.3J				EP 01
0248	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	1.2L		259 274		EP 44
0249	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	1.3L		259 274		EP 44
0250	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1.3L				EP 01
0254	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.3G				EP 30
0255	DETONATORS, ELECTRIC for blasting	1.4B				EP 31
0257	FUZES, DETONATING	1.4B				EP 41
0266	OCTOLITE (OCTOL), dry or wetted with less than 15% water, by mass	1.1D				EP 12
0267	DETONATORS, NON-ELECTRIC for blasting	1.4B				EP 31
0268	BOOSTERS WITH DETONATOR	1.2B				EP 33
0271	CHARGES, PROPELLING	1.1C		256		EP 43
0272	CHARGES, PROPELLING	1.3C		256		EP 43
0275	CARTRIDGES, POWER DEVICE	1.3C				EP 34
0276	CARTRIDGES, POWER DEVICE	1.4C				EP 34
0277	CARTRIDGES, OIL WELLS	1.3C				EP 34
0278	CARTRIDGES, OIL WELLS	1.4C				EP 34
0279	CHARGES, PROPELLING, FOR CANNON	1.1C				EP 30
0280	ROCKET MOTORS	1.1C				EP 30
0281	ROCKET MOTORS	1.2C				EP 30
0282	NITROGUANIDINE (PICRITE), dry or wetted with less than 20% water, by mass	1.1D				EP 12
0283	BOOSTERS without detonator	1.2D				EP 32
0284	GRENADES, hand or rifle, with bursting charge	1.1D				EP 41
0285	GRENADES, hand or rifle, with bursting charge	1.2D				EP 41
0286	WARHEADS, ROCKET with bursting charge	1.1D				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0287	WARHEADS, ROCKET with bursting charge	1.2D				EP 30
0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D				EP 38
0289	CORD, DETONATING, flexible	1.4D		258		EP 39
0290	CORD (FUSE), DETONATING, metal clad	1.1D		258		EP 39
0291	BOMBS with bursting charge	1.2F				EP 30
0292	GRENADES, hand or rifle, with bursting charge	1.1F				EP 41
0293	GRENADES, hand or rifle, with bursting charge	1.2F				EP 41
0294	MINES with bursting charge	1.2F				EP 30
0295	ROCKETS with bursting charge	1.2F				EP 30
0296	SOUNDING DEVICES, EXPLOSIVE	1.1F				EP 34
0297	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.4G				EP 30
0299	BOMBS, PHOTO-FLASH	1.3G				EP 30
0300	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.4G				EP 30
0301	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.4G	6.1 8			EP 30
0303	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.4G	8	204		EP 30
0305	FLASH POWDER	1.3G		263		EP 13
0306	TRACERS FOR AMMUNITION	1.4G				EP 33
0312	CARTRIDGES, SIGNAL	1.4G				EP 35
0313	SIGNALS, SMOKE	1.2G				EP 35
0314	IGNITERS	1.2G				EP 42
0315	IGNITERS	1.3G				EP 42
0316	FUZES, IGNITING	1.3G				EP 41
0317	FUZES, IGNITING	1.4G				EP 41
0318	GRENADES, PRACTICE, hand or rifle	1.3G				EP 41
0319	PRIMERS, TUBULAR	1.3G				EP 33
0320	PRIMERS, TUBULAR	1.4G				EP 33
0321	CARTRIDGES FOR WEAPONS with bursting charge	1.2E				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0322	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1.2L				EP 01
0323	CARTRIDGES, POWER DEVICE	1.4S				EP 34
0324	PROJECTILES with bursting charge	1.2F				EP 30
0325	IGNITERS	1.4G				EP 42
0326	CARTRIDGES FOR WEAPONS, BLANK	1.1C				EP 30
0327	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1.3C				EP 30
0328	CARTRIDGES FOR WEAPONS, INERT PROJECTILE	1.2C				EP 30
0329	TORPEDOES with bursting charge	1.1E				EP 30
0330	TORPEDOES with bursting charge	1.1F				EP 30
0331	EXPLOSIVE, BLASTING, TYPE B	1.5D		268		EP 16 or EP 17
0332	EXPLOSIVE, BLASTING, TYPE E	1.5D		268		EP 16 or EP 17
0333	FIREWORKS	1.1G				EP 35
0334	FIREWORKS	1.2G				EP 35
0335	FIREWORKS	1.3G				EP 35
0336	FIREWORKS	1.4G				EP 35
0337	FIREWORKS	1.4S				EP 35
0338	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1.4C				EP 30
0339	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1.4C				EP 30
0340	NITROCELLULOSE, dry or wetted with less than 25% water (or alcohol), by mass	1.1D				EP 12(a) or 12(b)
0341	NITROCELLULOSE, unmodified or plasticized with less than 18% plasticizing substance, by mass	1.1D				EP 12(b)
0342	NITROCELLULOSE, WETTED with not less than 25% alcohol, by mass	1.3C		105		EP 14(a)
0343	NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass	1.3C		105		EP 11
0344	PROJECTILES with bursting charge	1.4D				EP 30
0345	PROJECTILES, inert with tracer	1.4S				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0346	PROJECTILES with burster or expelling charge	1.2D				EP 30
0347	PROJECTILES with burster or expelling charge	1.4D				EP 30
0348	CARTRIDGES FOR WEAPONS with bursting charge	1.4F				EP 30
0349	ARTICLES, EXPLOSIVE, N.O.S.	1.4S		178 274		EP 01
0350	ARTICLES, EXPLOSIVE, N.O.S.	1.4B		178 274		EP 01
0351	ARTICLES, EXPLOSIVE, N.O.S.	1.4C		178 274		EP 01
0352	ARTICLES, EXPLOSIVE, N.O.S.	1.4D		178 274		EP 01
0353	ARTICLES, EXPLOSIVE, N.O.S.	1.4G		178 274		EP 01
0354	ARTICLES, EXPLOSIVE, N.O.S.	1.1L		178 274		EP 01
0355	ARTICLES, EXPLOSIVE, N.O.S.	1.2L		178 274		EP 01
0356	ARTICLES, EXPLOSIVE, N.O.S.	1.3L		178 274		EP 01
0357	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1L		178 274		EP 01
0358	SUBSTANCES, EXPLOSIVE, N.O.S.	1.2L		178 274		EP 01
0359	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3L		178 274		EP 01
0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B				EP 31
0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B				EP 31
0362	AMMUNITION, PRACTICE	1.4G				EP 30
0363	AMMUNITION, PROOF	1.4G				EP 30
0364	DETONATORS FOR AMMUNITION	1.2B				EP 33
0365	DETONATORS FOR AMMUNITION	1.4B				EP 33
0366	DETONATORS FOR AMMUNITION	1.4S				EP 33
0367	FUZES, DETONATING	1.4S				EP 41
0368	FUZES, IGNITING	1.4S				EP 41

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0369	WARHEADS, ROCKET with bursting charge	1.1F				EP 30
0370	WARHEADS, ROCKET with burster or expelling charge	1.4D				EP 30
0371	WARHEADS, ROCKET with burster or expelling charge	1.4F				EP 30
0372	GRENADES, PRACTICE, hand or rifle	1.2G				EP 41
0373	SIGNAL DEVICES, HAND	1.4S				EP 35
0374	SOUNDING DEVICES, EXPLOSIVE	1.1D				EP 34

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0375	SOUNDING DEVICES, EXPLOSIVE	1.2D				EP 34
0376	PRIMERS, TUBULAR	1.4S				EP 33
0377	PRIMERS, CAP TYPE	1.1B				EP 33
0378	PRIMERS, CAP TYPE	1.4B				EP 33
0379	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4C				EP 36
0380	ARTICLES, PYROPHORIC	1.2L				EP 01
0381	CARTRIDGES, POWER DEVICE	1.2C				EP 34
0382	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.2B		178 274		EP 01
0383	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4B		178 274		EP 01
0384	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4S		178 274		EP 01
0385	5-NITROBENZOTRIAZOL	1.1D				EP 12(b) or 12(c)
0386	TRINITROBENZENESULPHONIC ACID	1.1D		253		EP 12(b) or 12(c)
0387	TRINITROFLUORENONE	1.1D				EP 12(b) or 12(c)
0388	TRINITROTOLUENE (TNT) AND TRINITROBENZENE MIXTURE or TRINITROTOLUENE (TNT) AND HEXANITROSTILBENE MIXTURE	1.1D				EP 12(b) or 12(c)
0389	TRINITROTOLUENE (TNT) MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	1.1D				EP 12(b) or 12(c)
0390	TRITONAL	1.1D				EP 12(b) or 12(c)
0391	CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX) AND CYCLOTETRAMETHYLENETETRAMINE (HMX, OCTOGEN) MIXTURE, WETTED with not less than 15% water, by mass or CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE, HEXOGEN, RDX) AND CYCLOTETRAMETHYLENETETRANITRAMINE (HMX; OCTOGEN) MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	1.1D		266		EP 12(a) EP 12(b)
0392	HEXANITROSTILBENE	1.1D				EP 12(b) or 12(c)
0393	HEXOTONAL	1.1D				EP 12(b)

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0394	TRINITRORESORCINOL (STYPHNIC ACID), WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1D		253		EP 12(a)
0395	ROCKET MOTORS, LIQUID FUELLED	1.2J				EP 01
0396	ROCKET MOTORS, LIQUID FUELLED	1.3J				EP 01
0397	ROCKETS, LIQUID FUELLED with bursting charge	1.1J				EP 01
0398	ROCKETS, LIQUID FUELLED with bursting charge	1.2J				EP 01
0399	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1.1J				EP 01
0400	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1.2J				EP 01
0401	DIPICRYL SULPHIDE, dry or wetted with less than 10% water, by mass	1.1D		15		EP 12
0402	AMMONIUM PERCHLORATE	1.1D		152		EP 12(b) or 12(c)
0403	FLARES, AERIAL	1.4G				EP 35
0404	FLARES, AERIAL	1.4S				EP 35
0405	CARTRIDGES, SIGNAL	1.4S				EP 35
0406	DINITROSOBENZENE	1.3C				EP 14(b)
0407	TETRAZOL-1-ACETIC ACID	1.4C				EP 14(b)
0408	FUZES, DETONATING with protective features	1.1D				EP 41
0409	FUZES, DETONATING with protective features	1.2D				EP 41
0410	FUZES, DETONATING with protective features	1.4D				EP 41
0411	PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN) with not less than 7% wax, by mass	1.1D		131		EP 12(b) or 12(c)
0412	CARTRIDGES FOR WEAPONS with bursting charge	1.4E				EP 30
0413	CARTRIDGES FOR WEAPONS, BLANK	1.2C				EP 30
0414	CHARGES, PROPELLING, FOR CANNON	1.2C				EP 30
0415	CHARGES, PROPELLING	1.2C		256		EP 43
0417	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1.3C				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0418	FLARES, SURFACE	1.1G				EP 35
0419	FLARES, SURFACE	1.2G				EP 35
0420	FLARES, AERIAL	1.1G				EP 35
0421	FLARES, AERIAL	1.2G				EP 35
0424	PROJECTILES, inert with tracer	1.3G				EP 30
0425	PROJECTILES, inert with tracer	1.4G				EP 30
0426	PROJECTILES with burster or expelling charge	1.2F				EP 30
0427	PROJECTILES with burster or expelling charge	1.4F				EP 30
0428	ARTICLES, PYROTECHNIC for technical purposes	1.1G				EP 35
0429	ARTICLES, PYROTECHNIC for technical purposes	1.2G				EP 35
0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G				EP 35
0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G				EP 35
0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S				EP 35
0433	POWDER CAKE (POWDER PASTE), WETTED with not less than 17% alcohol, by mass	1.1C		266		EP 11
0434	PROJECTILES with burster or expelling charge	1.2G				EP 30
0435	PROJECTILES with burster or expelling charge	1.4G				EP 30
0436	ROCKETS with expelling charge	1.2C				EP 30
0437	ROCKETS with expelling charge	1.3C				EP 30
0438	ROCKETS with expelling charge	1.4C				EP 30
0439	CHARGES, SHAPED, COMMERCIAL without detonator	1.2D		257		EP 37
0440	CHARGES, SHAPED, COMMERCIAL without detonator	1.4D		257		EP 37
0441	CHARGES, SHAPED, COMMERCIAL without detonator	1.4S		257		EP 37
0442	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.1D				EP 37
0443	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.2D				EP 37

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0444	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.4D				EP 37
0445	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.4S				EP 37
0446	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1.4C				EP 36
0447	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1.3C				EP 36
0448	5-MERCAPTOTETRAZOL-1-ACETIC ACID	1.4C				EP 14(b)
0449	TORPEDOES, LIQUID FUELLED with or without bursting charge	1.1J				EP 01
0450	TORPEDOES, LIQUID FUELLED with inert head	1.3J				EP 01
0451	TORPEDOES with bursting charge	1.1D				EP 30
0452	GRENADES, PRACTICE, hand or rifle	1.4G				EP 41
0453	ROCKETS, LINE-THROWING	1.4G				EP 30
0454	IGNITERS	1.4S				EP 42
0455	DETONATORS, NON-ELECTRIC for blasting	1.4S				EP 31
0456	DETONATORS, ELECTRIC for blasting	1.4S				EP 31
0457	CHARGES, BURSTING, PLASTICS BONDED	1.1D				EP 30
0458	CHARGES, BURSTING, PLASTICS BONDED	1.2D				EP 30
0459	CHARGES, BURSTING, PLASTICS BONDED	1.4D				EP 30
0460	CHARGES, BURSTING, PLASTICS BONDED	1.4S				EP 30
0461	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.1B		178 274		EP 01

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0462	ARTICLES, EXPLOSIVE, N.O.S.	1.1C		178 274		EP 01
0463	ARTICLES, EXPLOSIVE, N.O.S.	1.1D		178		EP 01
0464	ARTICLES, EXPLOSIVE, N.O.S.	1.1E		178 274		EP 01
0465	ARTICLES, EXPLOSIVE, N.O.S.	1.1F		178 274		EP 01
0466	ARTICLES, EXPLOSIVE, N.O.S.	1.2C		178 274		EP 01
0467	ARTICLES, EXPLOSIVE, N.O.S.	1.2D		178 274		EP 01
0468	ARTICLES, EXPLOSIVE, N.O.S.	1.2E		178 274		EP 01
0469	ARTICLES, EXPLOSIVE, N.O.S.	1.2F		178 274		EP 01
0470	ARTICLES, EXPLOSIVE, N.O.S.	1.3C		178 274		EP 01

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0471	ARTICLES, EXPLOSIVE, N.O.S.	1.4E		178 274		EP 01
0472	ARTICLES, EXPLOSIVE, N.O.S.	1.4F		178 274		EP 01
0473	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1A		178 274		EP 01
0474	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1C		178 274		EP 01
0475	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1D		178 274		EP 01
0476	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1G		178 274		EP 01
0477	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3C		178 274		EP 01
0478	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3G		178 274		EP 01
0479	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4C		178 274		EP 01
0480	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4D		178 274		EP 01
0481	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4S		178 274		EP 01
0482	SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE (SUBSTANCES, EVI) N.O.S.	1.5D		178 274		EP 01
0483	CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX) DESENSITIZED	1.1D				EP 12(b) or 12(c)
0484	CYCLOTRIMETHYLENETRINITRAMINE (OCTOGEN; HMX) DESENSITIZED	1.1D				EP 12(b) or 12(c)
0485	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4G		178 274		EP 01
0486	ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)	1.6N				EP 01
0487	SIGNALS, SMOKE	1.3G				EP 35
0488	AMMUNITION, PRACTICE	1.3G				EP 30

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0489	DINITROGLYCOLURIL (DINGU)	1.1D				EP 12(b) or 12(c)
0490	NITROTRIAZOLONE (NTO)	1.1D				EP 12(b) or 12(c)
0491	CHARGES, PROPELLING	1.4C		256		EP 43
0492	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.3G				EP 35
0493	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.4G				EP 35
0494	JET PERFORATING GUNS, CHARGED, oil well, without detonator	1.4D				EP 01
0495	PROPELLANT, LIQUID	1.3C		224 254 255		EP 15
0496	OCTONAL	1.1D				EP 12(b) or 12(c)

SUBSTANCE OR ARTICLE		HAZARDS			PACKING	
Number (a1)	Name and Description (a2)	Class or Division (b1)	Subsidiary Risks (b2)	Special Provisions (b3)	Group (c1)	Method (c2)
0497	PROPELLANT, LIQUID	1.1C		224 254 255		EP 15
0498	PROPELLANT, SOLID	1.1C				EP 14(b)
0499	PROPELLANT, SOLID	1.3C				EP 14(b)
0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S				EP 31

4. Amendments to other entries:

UN 1005 Amend the proper shipping name to read "AMMONIA, ANHYDROUS"

UN 1009 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 13B1)"

UN 1011 Amend the proper shipping name to read "BUTANE" (delete "or BUTANE MIXTURE")

UN 1014 Add the word "COMPRESSED" to the proper shipping name.
Add the subsidiary risk "5.1" to column (b2).

UN 1017 Delete subsidiary risk "5.1" from column (b2)

UN 1018 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 22)"

UN 1020 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 115)"

UN 1021 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 124)"

UN 1022 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 13)"

UN 1028 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 12)"

UN 1029 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 21)"

UN 1030 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 152a)"

UN 1063 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 40)"

UN 1082 Reclassify from division 2.1 to division 2.3 with a subsidiary risk of 2.1.

UN 1108 Amend the proper shipping name to read: "1-PENTENE".
Keep "n-AMYLENE" but in brackets as an alternative proper shipping name.

UN 1110 Amend the proper shipping name to read:
"n - AMYL METHYL KETONE"

UN 1126 Amend the proper shipping name to read: "1-BROMOBUTANE"

UN 1139 Amend the name and description to read:

"COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)".

Replace special provision "184" in column (b3) by "185".

UN 1150 Amend the proper shipping name to read: "1,2-DICHLOROETHYLENE"

UN 1199 Amend the proper shipping name to read: "FURALDEHYDES"
Transfer from Class 3, packing group III to Division 6.1, packing group II.
Add subsidiary risk "3" in column (b2)

UN 1202	For "GASOIL" read "GAS OIL" (two words).
UN 1230	Delete the alternative proper shipping name "(METHYL ALCOHOL)"
UN 1251	Amend the proper shipping name to read: "METHYL VINYL KETONE, STABILIZED" Transfer from Class 3, packing group II to division 6.1, packing group I. Add subsidiary risks "3" and "8" in column (b2)
UN 1279	Amend the proper shipping name to read: "1,2-DICHLOROPROPANE"
UN 1323	Add special provision "249" in column (b3)
UN 1556) UN 1557)	After "N.O.S.," insert "inorganic," into the description.
UN 1558	Insert "6.1" and "II" in columns (b1) and (b3) respectively (correction to the English text)
UN 1560	Change Packing Group "II" to "I". Add "M" in column (c2) Change Packing Group "I" to "II" - Delete "M" in column (c2) (Correction to the English text)
UN 1561	Change Packing Group "I" to "II" - Delete "M" in column (c2) Change Packing Group "II" to "I". Add "M" in column (c2) (correction to the English text)
UN 1562	Delete the second line ("6.1" in column (b1) and "II" in column (b3)) (correction to the English text)
UN 1602	In the name delete the comma before "or".
UN 1610	To be deleted.

UN 1611 Delete special provision "44" in column (b3).
Add Packing Group "II" in column (c1).

UN 1695 Add subsidiary risks "3" and "8" in column (b2).
Transfer from packing group II to packing group I

UN 1787)
UN 1788) Delete the word "SOLUTION" from the proper shipping name.
UN 1789)
UN 1790)

UN 1791 Delete "with more than 5% available chlorine" from the description.
Replace special provision "51" in column (b3) by special provision "184".

UN 1809 Reclassify from class 8 with a subsidiary risk 6.1 to division 6.1 with a subsidiary risk of 8.

UN 1829 Amend as follows:

(a1)	(a2)	(b1)	(b3)	(c1)	(c2)
"1829	SULPHUR TRIOXIDE, INHIBITED or SULPHUR TRIOXIDE, STABILIZED	8	269	I	M"

UN 1858 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 1216)"

UN 1908 Delete "with more than 5% available chlorine" from the description.
Replace special provision "51" in column (b3) by special provision "184".

UN 1914 Amend the proper shipping name to read:
"BUTYL PROPIONATES"

UN 1958 Amend the proper shipping name to read:
"1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE"

	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 114)"
UN 1959	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 1132a)"
UN 1960	To be deleted
UN 1964	Amend the proper shipping name to read: "HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S." Add special provision 274 in column (b3).
UN 1965	Amend the proper shipping name to read: "HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S." Add special provision 274 in column (b3).
UN 1969	Amend the proper shipping name to read: "ISOBUTANE".
UN 1973	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 502)"
UN 1974	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 12B1)"
UN 1976	Add the following alternative proper shipping name: "(REFRIGERANT GAS RC 318)"
UN 1978	Amend the proper shipping name to read: "PROPANE" (delete "or PROPANE MIXTURES")
UN 1982	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 14, COMPRESSED)"
UN 1983	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 133a)"

UN 1984 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 23)"

UN 1986) Insert the word "FLAMMABLE" in the proper shipping name before "TOXIC".
UN 1988)

UN 1990 In column (c2), add "M".

UN 2035 Amend the proper shipping name to read:
"1,1,1-TRIFLUOROETHANE".
Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 143a)"

UN 2037 Amend the name and description to read:
"RECEPTACLES, SMALL CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable"

UN 2193 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 116, COMPRESSED)"

UN 2210 Add the new special provision "273" in column (b3).

UN 2251 Amend the proper shipping the name to read:
"BICYCLO[2.2.1] HEPTA-2,5-DIENE, INHIBITED (2,5-NORBORNADIENE, INHIBITED)"

UN 2295 Add subsidiary risk "3" in column (b2).
Transfer from packing group II to packing group I

UN 2310 Amend the proper shipping name to read:
"PENTANE-2,4-DIONE"
Add the subsidiary risk "6.1" in column (b2).

UN 2348 Amend the proper shipping name to read:
"BUTYL ACRYLATES, INHIBITED"

UN 2369	To be deleted
UN 2384	Amend the proper shipping name to read: "DI-n-PROPYL ETHER"
UN 2422	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 1318)"
UN 2424	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 218)"
UN 2426	Add special provision "252" in column (b3).
UN 2453	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 161)"
UN 2454	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 41)"
UN 2467	To be deleted.
UN 2477	Reclassify from class 3 with a subsidiary risk 6.1 packing group II to division 6.1 packing group I with a subsidiary risk 3.
UN 2487) UN 2488)	Change packing group from "II" to "I"
UN 2489	To be deleted
UN 2517	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 142b)"
UN 2522	Amend the proper shipping name to read: "2-DIMETHYLAMINOETHYL METHACRYLATE".
UN 2531	Delete special provision "245" in column (b3).

UN 2535	Amend the name to read: "4-METHYLMORPHOLINE (N-METHYLMORPHOLINE)"
UN 2542	Transfer from Class 8, Packing Group III to Division 6.1, Packing Group II.
UN 2555	Add Packing Group "II" in column (c1).
UN 2556) UN 2557)	Replace special provision "81" in column (b3) by special provision "80". Add Packing Group "II" in column (c1).
UN 2599	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 503)"
UN 2602	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 500)"
UN 2618	Amend the proper shipping name to read: "VINYLTOLUENES, INHIBITED"
UN 2623	Delete special provision "102" in column (b3). Add Packing Group "III" in column (c1).
UN 2644	Transfer from packing group II to packing group I
UN 2658	To be deleted
UN 2686	Amend the proper shipping name to read: "2-DIETHYLAMINOETHANOL". Transfer from Class "3", Packing Group "III", to Class "8", Packing Group "II" with subsidiary risk "3", in column (b2).
UN 2708) UN 2711)	To be deleted.
UN 2801	Replace special provision "184" in column (b3) by special provision "185".

UN 2857 Amend the name to read:
"REFRIGERATING MACHINES containing non-flammable, non-toxic, liquefied gas or ammonia solution (UN 2672)".

UN 2906 To be deleted.

UN 2910 Amend the name to read:

"RADIOACTIVE MATERIAL, LIMITED QUANTITIES IN EXCEPTED PACKAGES"

UN 2912 Amend the name to read:

"RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I)"

UN 2913 Amend the name to read:

"RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), non fissile or fissile-excepted"

UN 2938 To be deleted.

UN 2941 Delete special provision "109" in column (b3).

UN 2968 Replace special provision "140" in column (b3) with "223".

UN 2977 Amend the name to read:

"RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE"

UN 2978 Amend the name to read:

"RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, non fissile or fissile-excepted"

UN 3023	Change the proper shipping name to "2-METHYL-2-HEPTANETHIOL" Change packing group from "II" to "I"
UN 3073	Add the subsidiary risk "8" in column (b2).
UN 3138	Delete the word "IN" before "MIXTURE"
UN 3139	Replace special provision "184" in column (b3) by "185".
UN 3153	Amend the name to read: "PERFLUORO(METHYL VINYL ETHER)"
UN 3154	Amend the name to read: "PERFLUORO(ETHYL VINYL ETHER)"
UN 3159	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 134a)"
UN 3170	Amend the name to read: "ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS"
UN 3205	Add special provision "183" in column (b3)
UN 3206	Add special provision "182" in column (b3)
UN 3217	To be deleted
UN 3218	Add new special provision "270" in column (b3).
UN 3220	Add the following alternative proper shipping name: "(REFRIGERANT GAS R 125)"

UN 3241 Transfer from division "6.1" to "4.1".

UN 3252 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 32)"

UN 3253 Delete the word "PENTAHYDRATE" from the proper shipping name.

UN 3268 In the name delete the words "or SEAT-BELT MODULES" and amend "PRE-TENSIONERS" to read "PRETENSIONERS".

UN 3270 Replace special provision "81" in column (b3) by special provision "80".

UN 3296 Add the following alternative proper shipping name:
"(REFRIGERANT GAS R 227)"

5. Delete the word "LIQUEFIED" from the proper shipping name of the following entries:

1026, 1027, 1053, 1067, 1079

6. Insert the word "COMPRESSED" in the proper shipping name of the following entries:

1008, 1016, 1023, 1071, 1660, 1859, 1911, 1957, 1979, 1980, 1981, 1982, 2036, 2190, 2193, 2198, 2203, 2417, 2451, 2600

7. Delete the word "COMPRESSED" from the proper shipping name of the following entries:

1035, 1070, 2035

8. Insert ", INHIBITED" in the proper shipping name of the following entries:

1305, 2227, 2283, 2396, 2527.

9. Replace special provision "44" or "102" or "112", as the case may be, by "185" in column (b3) of the following entries:

1133, 1210, 1263, 1267, 1268, 1308, 1544, 1556, 1557, 1583, 1588, 1601, 1602, 1655, 1759, 1760, 1863, 1866, 1903, 1935, 1989, 1993, 2024, 2025, 2026, 2059, 2430, 2570, 2735, 2788, 2810, 2811, 3140, 3142, 3143, 3144, 3145, 3146, 3287, 3288 and 3295

10. Replace special provision "44" or "102", as the case may be, by "184" in column (b3) of the following entries:

1224, 1686 and 1987

11. Delete special provision "110" in column (b3) of the following entries:

2845, 2846, 3194, 3200, 3203

12. Add subsidiary risk "3" in column (b2) of the following entries:

1181, 1545, 1569, 1603, 1916, 2023, 2285, 2487, 2488, 2558, 2589, 2611, 2743, 2744.

13. Add special provision "184" in column (b3) and delete packing groups in column (c1) of the following entries: 2427, 2428, 2429, 3210, 3211, 3213.

14. Delete all occurrences of letters "A" and "B" in column (c2) of the following entries: 3101 to 3212 and 3221 to 3240.

15. Delete the asterisk in all entries where it appears and add special provision 274 in column (b3) of these entries.

16. Delete the following UN numbers: 2918, 2974, 2975, 2976, 2979, 2980, 2981, 2982

17. Add the following new entries:

(a1)	(a2)	(b1)	(b2)	(b3)	(c1)	(c2)
0500	DETONATOR ASSEMBLIES, NON-ELECTRIC, for blasting	1.4S				EP31
2908	RADIOACTIVE MATERIAL, EMPTY PACKAGINGS AS EXCEPTED PACKAGES	7		172		
2909	RADIOACTIVE MATERIAL, ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM, AS EXCEPTED PACKAGES	7		172		
2911	RADIOACTIVE MATERIAL, INSTRUMENTS or ARTICLES IN EXCEPTED PACKAGES	7		172		
2915	RADIOACTIVE MATERIAL, IN TYPE A PACKAGES, non fissile or fissile-excepted	7		172		
2916	RADIOACTIVE MATERIAL, IN TYPE B(U) PACKAGES, non fissile or fissile-excepted	7		172		
2917	RADIOACTIVE MATERIAL, IN TYPE B(M) PACKAGES, non fissile or fissile-excepted	7		172		
2919	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, non fissile or fissile-excepted	7		172		
3302	2-DIMETHYLAMINOETHYL ACRYLATE	6.1			II	M
3303	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	2.3	5.1	109 274		

(a1)	(a2)	(b1)	(b2)	(b3)		(c1)	(c2)
3304	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	2.3	8	109	274		
3305	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3	2.1 8	109 274			
3306	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3	5.1 8	109 274			
3307	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.		2.3	5.1	109 274		
3308	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.	2.3	8	109	274		
3309	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3	2.1 8	109 274			
3310	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3	5.1 8	274	109		
3311	GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.	2.2	5.1	109 274			
3312	GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.	2.1		109 274			
3313	ORGANIC PIGMENTS, SELF HEATING		4.2		184		
3314	PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form evolving flammable vapour	9		207		III	
3315	CHEMICAL SAMPLE, TOXIC liquid or solid	6.1		250		I	

(a1)	(a2)	(b1)	(b2)	(b3)	(c1)	(c2)
3316	CHEMICAL KIT or FIRST AID KIT	9		251		
3317	2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water by mass	4.1	-	28	I	
3318	AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 50 % ammonia	2.3	8	23	-	M
3319	NITROGLYCERIN MIXTURE with more than 2% but not more than 10% nitroglycerin, by mass, desensitized	4.1		272		
3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION, with not more than 12% sodium borohydride and not more than 40% sodium hydroxide by mass	8		184	-	M
3321	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile-excepted	7		172	-	M
3322	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non fissile or fissile-excepted	7		172	-	M
3323	RADIOACTIVE MATERIAL, IN TYPE C PACKAGES, non fissile or fissile excepted	7		172		
3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE	7		172		

(a1)	(a2)	(b1)	(b2)	(b3)	(c1)	(c2)
3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA III), FISSILE	7		172		
3326	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II) FISSILE	7		172		
3327	RADIOACTIVE MATERIAL, IN TYPE A PACKAGES, FISSILE	7		172		
3328	RADIOACTIVE MATERIAL, IN TYPE B(U) PACKAGES, FISSILE	7		172		
3329	RADIOACTIVE MATERIAL, IN TYPE B(M) PACKAGES, FISSILE	7		172		
3330	RADIOACTIVE MATERIAL, IN TYPE C PACKAGES, FISSILE	7		172		
3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	7		172		

CHAPTER 3: SPECIAL PROVISIONS RELATING TO INDIVIDUAL SUBSTANCES AND ARTICLES

1. Modify the special provisions listed below as follows:

Special Provision

2) To be deleted
6)

15 Amend to read:

"For small quantities of not more than 500 g per package, this substance, with not less than 10% water, by mass, may also be classified in Division 4.1, subject to special provisions with respect to packaging."

18 Amend to read:

"For quantities of not more than 11.5 kg per package, this substance, with not less than 10% water, by mass, may also be classified in Division 4.1, subject to special provisions with respect to packaging."

22) To be deleted
44)
51)

61 Replace the existing text with the following:

"See the list of pesticides in Table 6.1 of Chapter 6 for the technical name which could supplement the proper shipping name (see also 13.8.4.1)."

80 Amend to read:

"Packagings should be so constructed that explosion is not possible by reason of increased internal pressure."

81) To be deleted.
102)

105 Amend existing reference to "Special Provision 81" to read "Special Provision 80".

110) To be deleted
112)

114 Amend to read:

"This substance may be carried in quantities of not more than 500 g per package."

119 Amend to read:

"Refrigerating machines include machines or other appliances which have been designed for the specific purpose of keeping food or other items at a low temperature in an internal compartment and air conditioning units. Refrigerating machines are considered not subject to these Recommendations if containing less than 12 kg of a gas in Division 2.2 or if containing less than 12 l ammonia solution (UN 2672)."

126 To be deleted

140 To be deleted.

145 Amend to read:

"Alcoholic beverages containing more than 70% alcohol by volume should be transported as substances of Packing Group II. Alcoholic beverages containing more than 24% but not more than 70% alcohol by volume should be transported as substances of Packing Group III. Other than for air transport, alcoholic beverages of Packing Group III, when carried in receptacles of 250 litres or less, are not subject to these Recommendations. Other than for air and sea transport, alcoholic beverages of Packing Group II, when carried in receptacles of 5 litres or less, are not subject to these Recommendations."

172 Amend (b) to read:

"(b) be labelled with subsidiary risk labels corresponding to each non-radioactive hazard exhibited by the material;"

In (d) amend "Type A or Type B" to read "Type A, Type B or Type C".

173 To be deleted.

188 Replace the reference "Part IV of the Recommendations on the Transport of Dangerous Goods, Tests and Criteria" with the text "the Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Part III, sub-section 38.3;".

193 Replace the text "(see United Nations Recommendations on the Transport of Dangerous Goods, Tests and Criteria, Part IV)" with the text "(see United Nations Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Part III, sub-section 38.3)".

195 Amend the text "OP5A (or OP5B) or OP6A (or OP6B)" to read "OP5 or OP6".

207 At the beginning amend the words "These beads" to read: "Polymeric beads and moulding compounds".

210 Amend to read:

"Toxins from plant, animal or bacterial sources which contain infectious substances, or toxins that are contained in infectious substances, should be classified in Division 6.2."

214 Amend "OP5A (or OP5B) or OP6A (or OP6B)" to read "OP5 or OP6".

215 Amend to read:

"This entry only applies to the technically pure substance or to formulations derived from it having an SADT higher than 75 °C and therefore does not apply to formulations which are self-reactive substances. (For self-reactive substances, see table 14.1.)

The packing method should be one of the following:

(i) a fibre drum, which may be lined, of maximum contents 50 kg; or

(ii) an inner packaging of a single plastics bag in a fibreboard box, of maximum contents 50 kg; or

(iii) inner packagings of plastics bottles, jars, bags or boxes, of maximum contents 5 kg each, within an outer packaging of a fibreboard box or a fibre drum of maximum contents 25 kg.

For packing methods (i) and (ii), the requirements of special provision 181 should be applied to formulations showing a violent effect in laboratory tests involving heating under confinement."

219 In the first sentence amend the reference "6.13" to read "6.13.1"

226 Amend to read:

"Formulations of these substances, containing not less than 30% non-volatile, non-flammable phlegmatizer are not subject to these Recommendations."

227 Amend the text "by test 1 (a) (i) or test 1 (a) (ii) ..." to read "by the Series 1 type (a) test in the Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Part I".

230 Amend the introductory portion to read:

"Lithium cells and batteries may be transported under this entry if they meet the following requirements:"

In subparagraphs (j) and (k) insert "Manual of" before "Tests and Criteria" and replace "Part IV" by "Part III, subsection 38.3".

Add a new subparagraph (l) to read as follows:

"(l) Cells and batteries are excepted from subparagraph (j) if they are assigned to Class 9 on the basis of tests carried out in accordance with the Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Part III, sub-section 38.3)".

235 Replace the text of existing SP 235 with the following text:

"This entry applies to articles which may be classified in Class 1 in accordance with paragraph 1.11, which are used as life-saving vehicle air bags or seat-belts, when transported as component parts and when these articles as presented for transport have been tested in accordance with test series 6 (c) of Part I of the Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, with no explosion of the device, no fragmentation of device casings, and no projection hazard or thermal effect which would significantly hinder fire-fighting or other emergency response efforts in the immediate vicinity.

If the air bag inflator unit satisfactorily passes the series 6 (c) test, it is not necessary to repeat the test on the air bag module itself. Such air bag inflators or modules or seat-belt pretensioners may be transported unpackaged in dedicated handling devices or transport units when transported from where they are manufactured to an assembly plant.

Air bags or seat-belts installed in vehicles or in completed vehicle components such as steering columns, door panels, seats, etc. are not subject to these Recommendations."

239 Amend the first sentence to read:

"Batteries or cells should not contain dangerous goods other than sodium, sulphur and/or polysulphides."

Add a new final paragraph to read:

"Batteries installed in vehicles are not subject to these Recommendations."

241 Amend the text "by the appropriate test methods and criteria" to read "by tests of test series 1 (a), 2 (b) and 2 (c) respectively".

Amend the text "Tests and Criteria," to read "Manual of Tests and Criteria, Part I,".

Amend the text "with 14.5.2" to read "with 14.5.2 or test N.1 in the Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Part III, sub-section 33.2.1.4".

244 Amend to read:

"This entry includes e.g. aluminium dross, aluminium skimmings, spent cathodes, spent potliner and aluminium salt slags"

245 To be deleted

246 Replace "(see Table 11.2(3))", by "(see Table 11.2)".

2. Add the following new special provisions:

248 Substances in Division 1.5D may be transported in metal, flexible, rigid plastics and composite intermediate bulk containers (IBCs) that meet the applicable requirements of Chapter 16 at the Packing Group II level of performance. Flexible IBCs may only be used for solid substances.

249 Ferrocerium, stabilized against corrosion, with a minimum iron content of 10 % is not subject to these Recommendations.

250 This entry may only be used for samples of chemicals taken for analysis in connection with the implementation of the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on their Destruction. The transport of substances under this entry should be in accordance with the chain of custody and security procedures specified by the Organization for the Prohibition of Chemical Weapons.

The chemical sample may only be transported providing prior approval has been granted by the competent authority or the Director General of the Organization for the Prohibition of Chemical Weapons and providing the sample complies with the following requirements:

(a) it should be packed according to Packing Instruction 623 in the International Civil Aviation Organization's Technical Instructions for the Safe Transport of Dangerous Goods by Air; and

(b) during transport it should be accompanied by a copy of the document of approval for transport, showing the quantity limitations and the packing requirements.

251 The entry CHEMICAL KIT or FIRST AID KIT is intended to apply to boxes, cases etc. containing small quantities of various dangerous goods which are used for medical, analytical or testing purposes. Such kits may not contain dangerous goods listed in 15.2.

Components should not react dangerously (see 9.3.6). Dangerous goods in kits should be packed in inner packagings which should not exceed either 250 ml or 250 g and should be protected from other materials in the kit. The total quantity of dangerous goods in any one kit should not exceed either 1 l or 1 kg. The maximum total quantity of dangerous goods in any one outer package should not exceed 10 kg. The packing group assigned to the kit as a whole should be the most stringent packing group assigned to any individual substance in the kit.

Kits should be packed in packagings which meet the requirements appropriate to the packing group assigned to the kit as a whole.
Kits which are carried on board vehicles for first-aid or operating purposes are not subject to these Recommendations.

252 Provided the ammonium nitrate remains in solution under all conditions of transport, aqueous solutions of ammonium nitrate, with not more than 0.2% combustible material, in a concentration not exceeding 80%, are not subject to these Recommendations.

253 Packagings should be lead free.

254 Inner packagings should have taped screw cap closures and be not more than 5 litres capacity each. Inner packagings should be surrounded with non-combustible absorbent cushioning materials. The amount of absorbent cushioning material should be sufficient to absorb the liquid contents. Metal receptacles should be cushioned from each other. Net mass of propellant is a limited to 30 kg for each package when outer packagings are boxes.

255 When intermediate packagings are drums, they should be surrounded with non-combustible cushioning material in a quantity sufficient to absorb the liquid contents. A composite packaging consisting of a plastic receptacle in a metal drum may be used instead of the inner and intermediate packagings. The net volume of propellant in each package should not exceed 120 litres.

256 Metal packagings should be so constructed that the risk of explosion, by reason of increase in internal pressure from internal or external causes is prevented.

257 When the shaped charges are packed singly, the conical cavity should face downwards and the package marked "THIS SIDE UP". When the shaped charges are packed in pairs, the conical cavities should face inwards to minimise the jetting effect in the event of accidental initiation.

258 The ends of the detonating cord should be sealed, for example, by a plug firmly fixed so that the explosive cannot escape. The ends of CORD DETONATING flexible should be tied fast.

259 Packagings should be protected against the ingress of water. When CONTRIVANCES, WATER ACTIVATED are transported unpackaged, they should be provided with at least two independent protective features which prevent the ingress of water.

260 This packing method may only be used for explosives of 0082 which are mixtures of ammonium nitrate or other inorganic nitrates with other combustible substances which are not explosive ingredients. Such explosives should not contain nitroglycerin, similar liquid organic nitrates, or chlorates.

261 This packing method may only be used for explosives of 0241 which consists of water as an essential ingredient and high proportions of ammonium nitrate or other oxidizers, some or all of which are in solution. The other constituents may include hydrocarbons or aluminium powder, but should not include nitro-derivatives such as trinitrotoluene.

262 Bags, sift-proof (5H2) recommended for flake or prilled TNT in the dry state and a maximum net mass of 30kg.

263 No more than 50 g of substance should be packed in an inner packaging.

264 Absorbent cushioning material should be inserted.

265 The following conditions should be satisfied:

(a) No inner packaging should contain more than 50g of explosive substance (quantity corresponding to dry substance).

(b) No compartment between dividing partitions should contain more than one inner packaging, firmly fitted.

(c) The outer packaging should be partitioned into up to 25 compartments.

266 This substance, when containing less alcohol, water or phlegmatizer than specified, should not be transported unless specifically authorized by the competent authority.

267 Any explosives, Blasting, type C containing chlorates should be segregated from explosives containing ammonium nitrate or other ammonium salts.

268 The word "AGENT" may be used instead of "EXPLOSIVE" when approved by the competent authority.

269 Sulphur trioxide 99.95% pure and above may be transported in tanks without an inhibitor providing that it is maintained at a temperature equal to or above 32.5 °C.

270 Aqueous solutions of Division 5.1 inorganic solid nitrate substances are considered as not meeting the criteria of Division 5.1 if the concentration of the substances in solution at the minimum temperature encountered in transport is not greater than 80% of the saturation limit.

271 Lactose or glucose or similar materials, may be used as a phlegmatizer provided that the substance contains not less than 90%, by mass, of phlegmatizer. The competent authority may authorize these mixtures to be classified in Division 4.1 on the basis of a Series 6(c)

test on at least three packages as prepared for transport. Mixtures containing at least 98%, by mass, of phlegmatizer are not subject to these Recommendations. Packages containing mixtures with not less than 90%, by mass, of phlegmatizer need not bear a TOXIC subsidiary risk label.

272 This substance should not be transported under the provisions of division 4.1 unless specifically authorized by the competent authority (see UN 0143).

273 Maneb and maneb preparations stabilized against self-heating need not be classified in Division 4.2 when it can be demonstrated by testing that a cubic volume of 1 m^3 of substance does not self-ignite and that the temperature at the center of the sample does not exceed 200 °C, when the sample is maintained at a temperature of not less than 75 °C ± 2°C for a period of 24 hours.

274 For the purpose of documentation and package marking, the proper shipping name should be supplemented with the technical name (see 13.8.4).